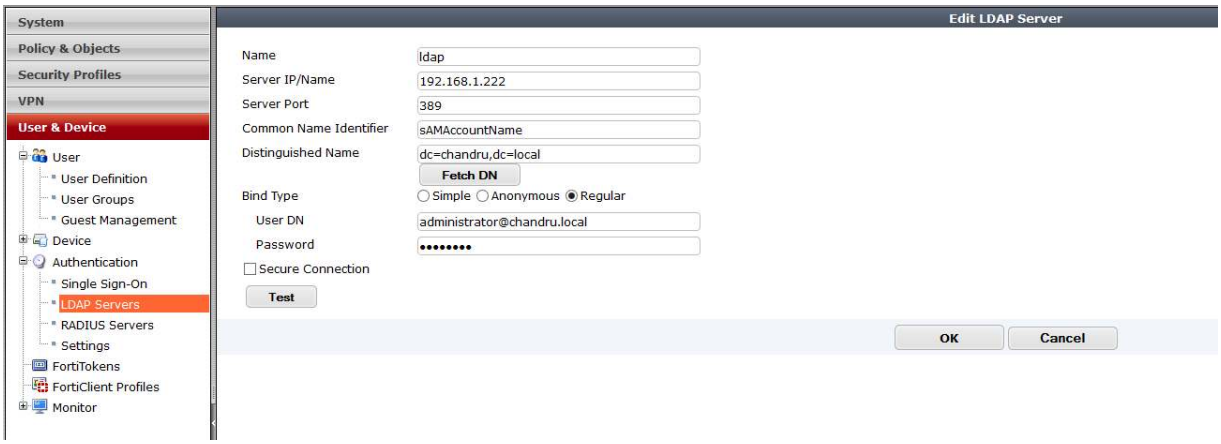
User based authentication on FSSO, using LDAP and FSSO agent on advanced mode.

Applicable Firmware version: v5.0 and v5.2

Requirements:

User based authentication required on FSSO, so different users get different profiles through policy. Need to integrate FortiGate with LDAP, install FSSO agent (with DC Agent) on the server with advanced mode and set user filter from FortiGate FSSO configuration using LDAP.

Integrate FortiGate with LDAP:

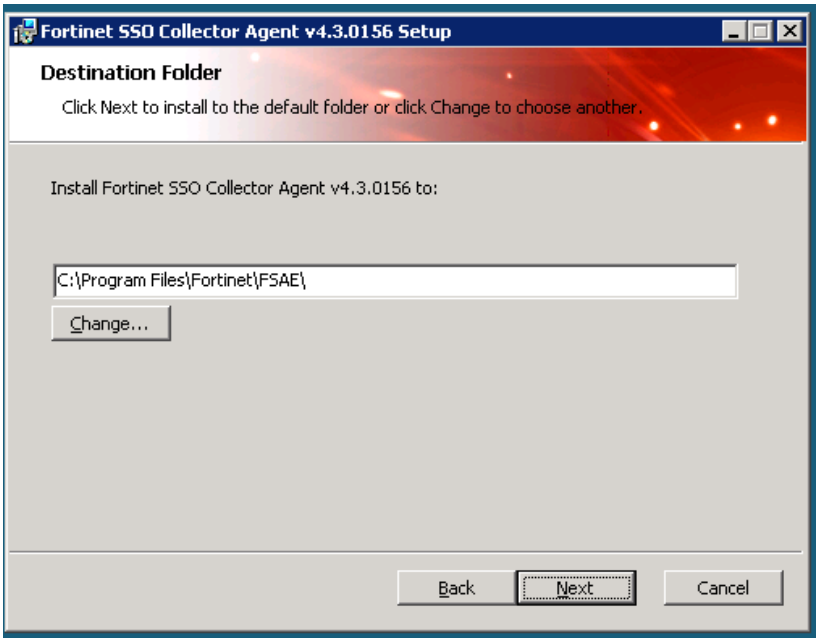



```
config user ldap
   edit "ldap"
      set server "192.168.1.222"
      set cnid "sAMAccountName"
      set dn "dc=chandru,dc=local"
      set type regular
      set username "administrator@chandru.local"
      set password XYZ
   next
end
```

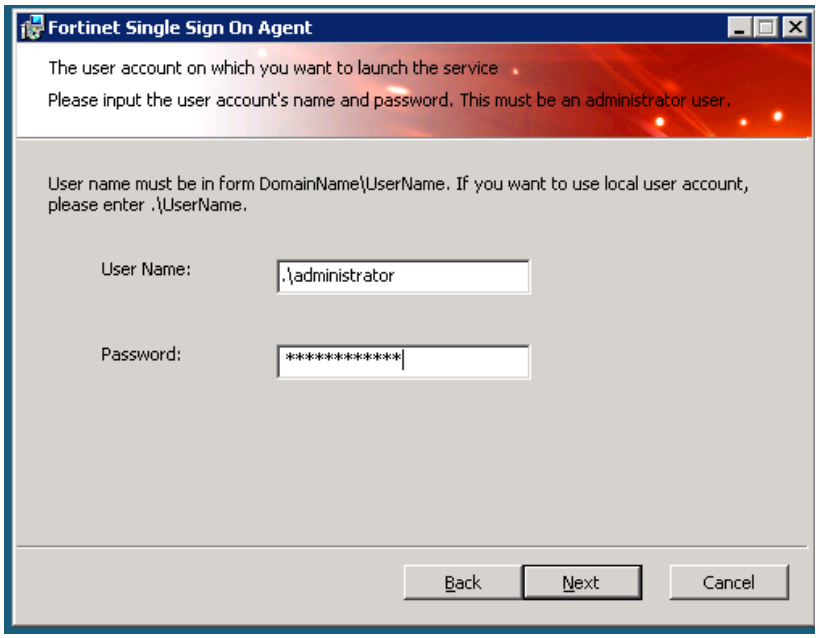
Install FSSO agent on the Server on Advanced mode:

1) Accept the agreement.

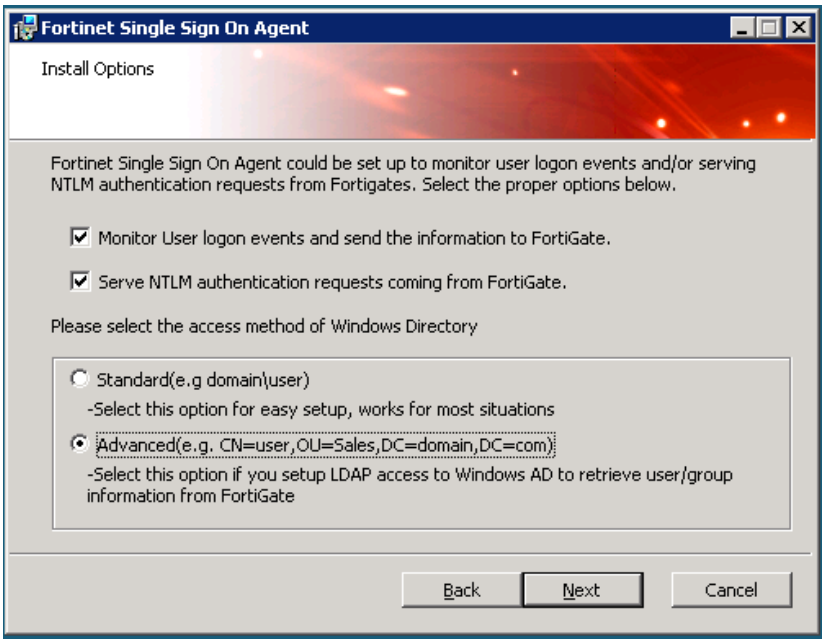
2) Change the location if you require, however make sure you have the default location :



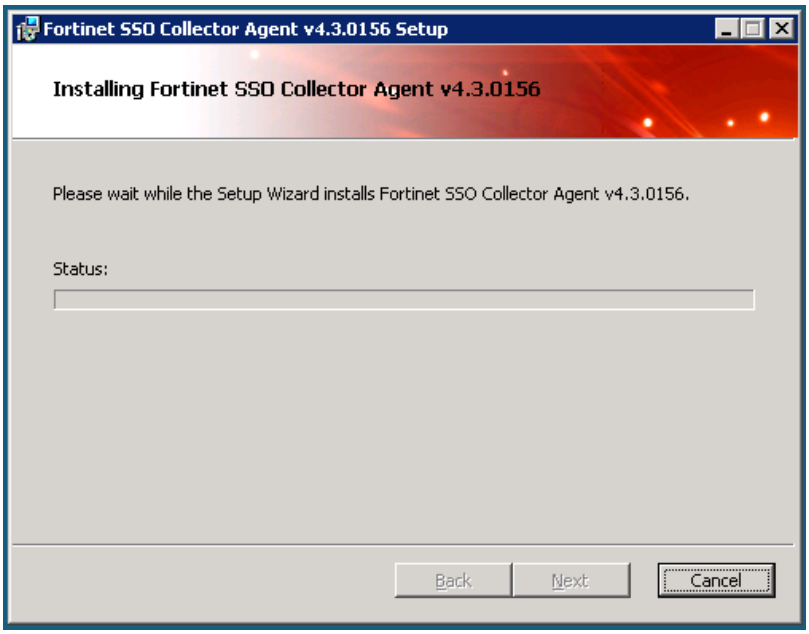
3) Enter the domain admin credentials



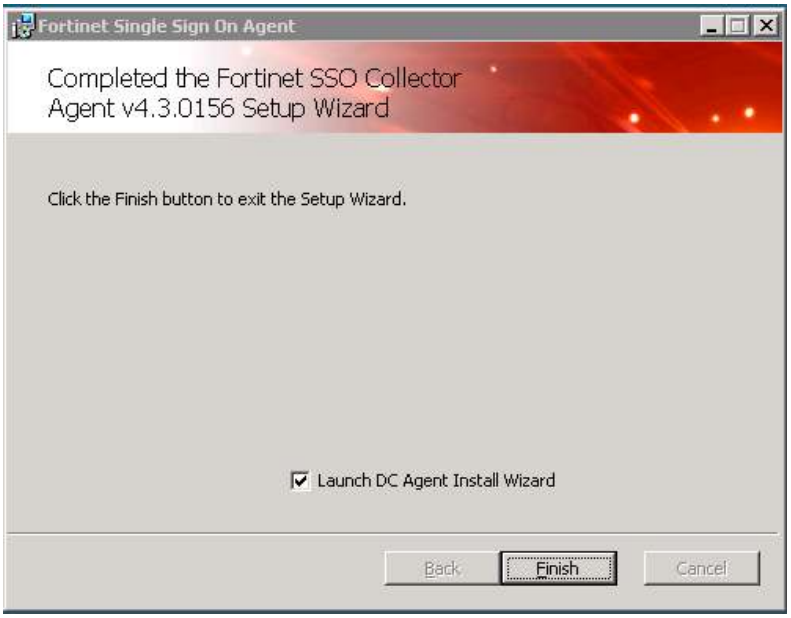
4) Select the Advanced Mode



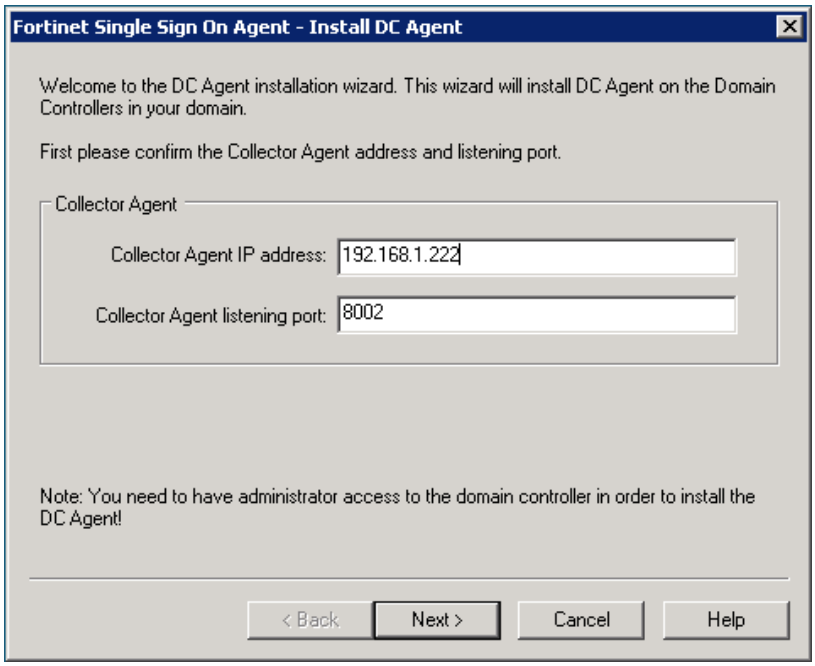
5) Proceed to next to install the Agent



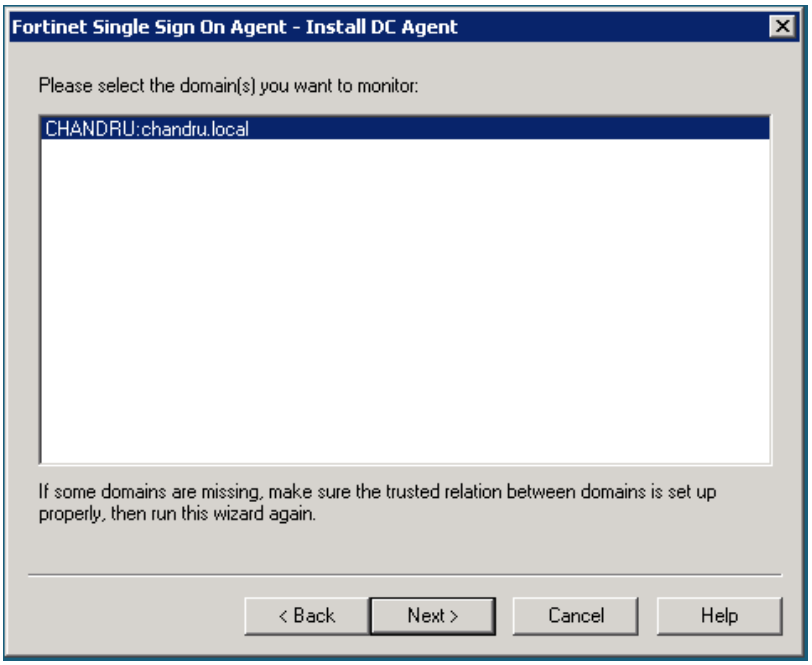
6) Install the DC Agent when it tries to launch



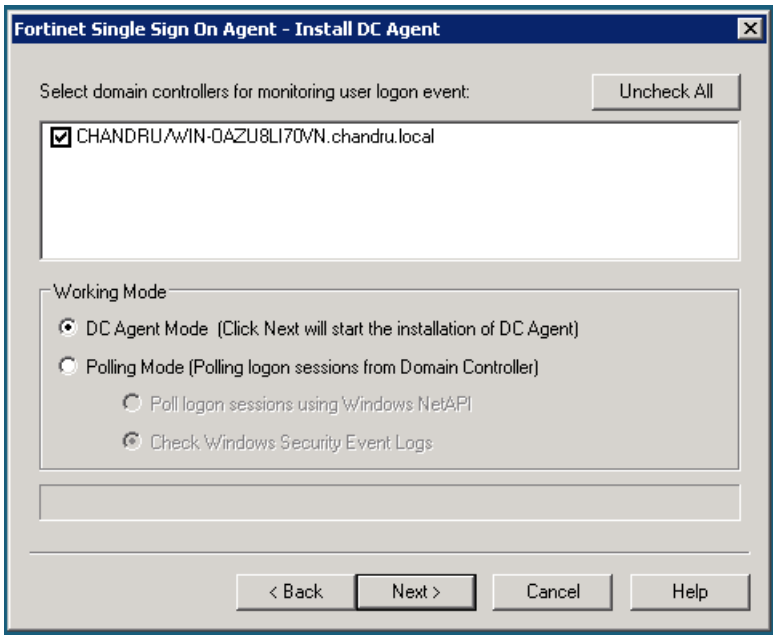
7) You need to specify the Collector agent which the DC agent will talk to, if this is the same server, then leave the default



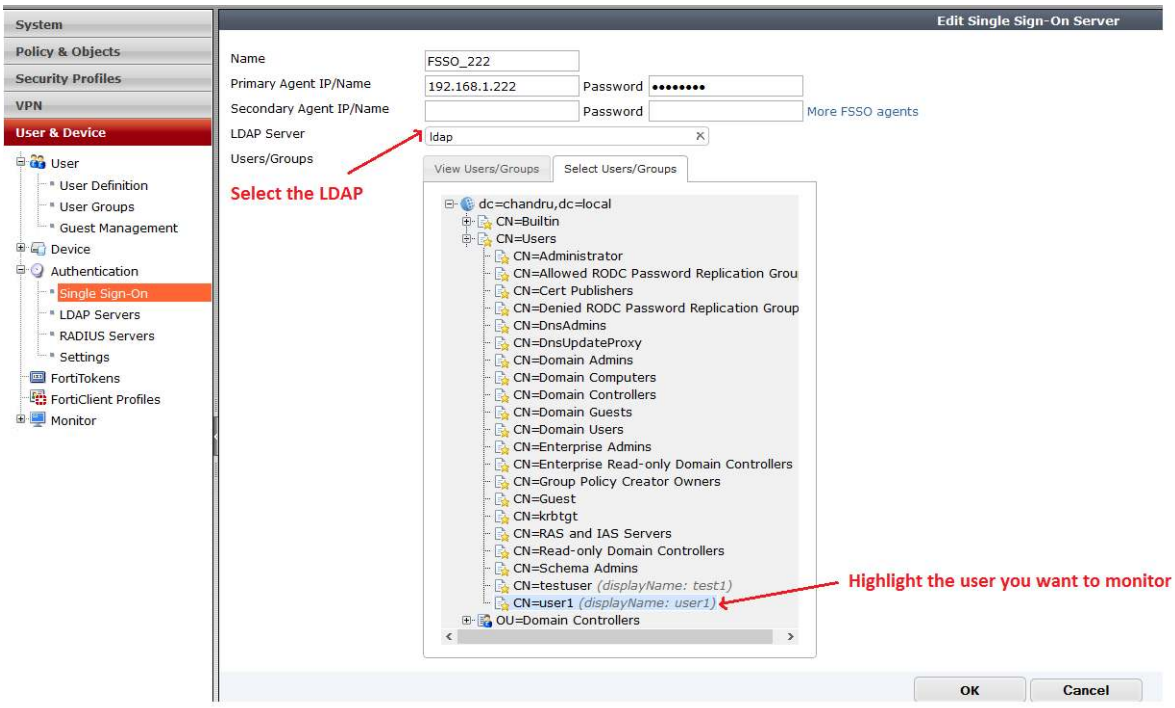
8) Select the Domain to monitor and click Next



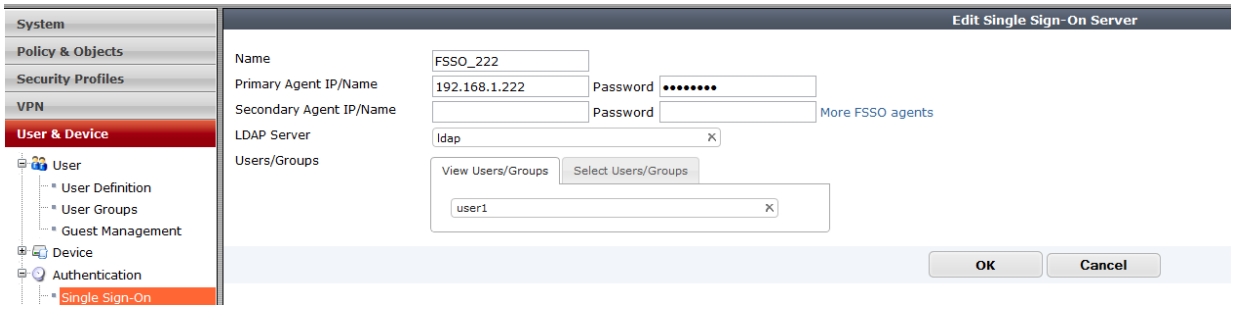
9) In the Domain to monitor, select the DC Agent mode



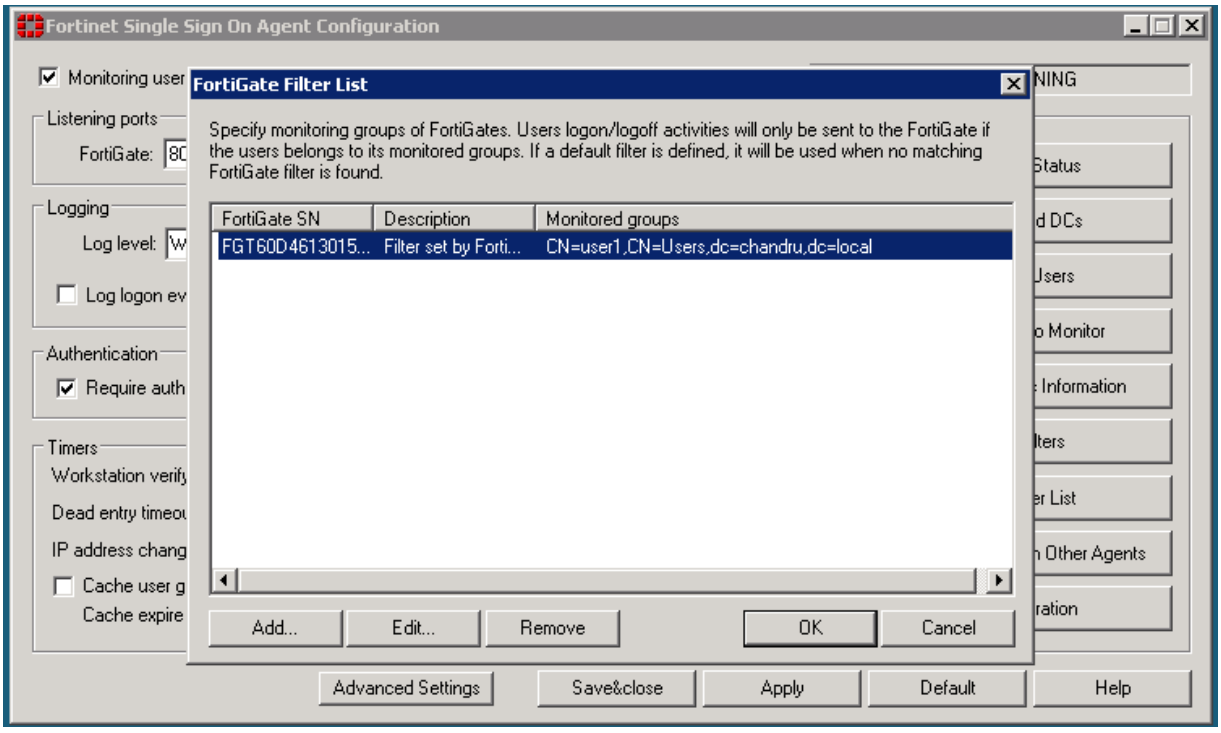
Once the FSSO agent with DC agent is installed successfully, configure FortiGate FSSO by selecting LDAP server to filter the users



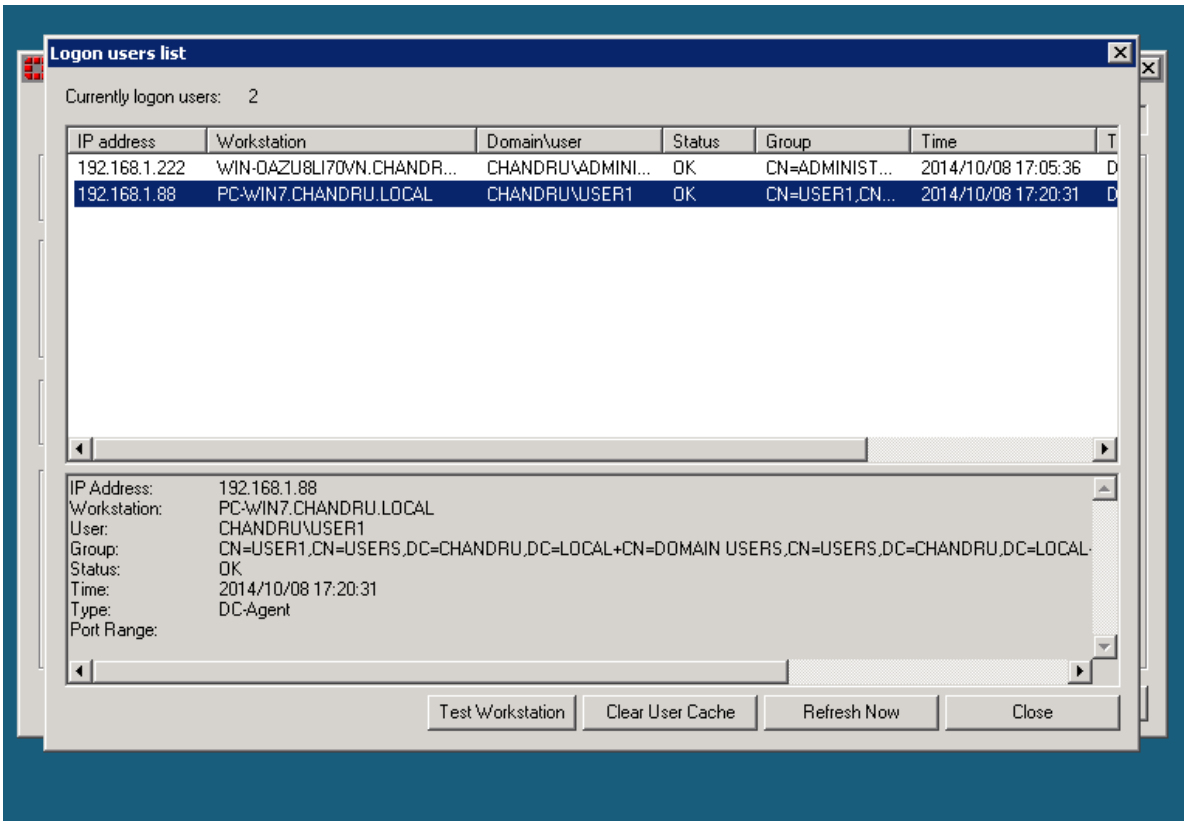
Once you select the user and click OK, you will see the user will be available



The same user will be reflecting on the FSSO agent once it synchronizes



Domain workstation logged into the domain and created logon event on DC, the same information available on FSSO agent logon user list



On FortiGate you can see the same user:

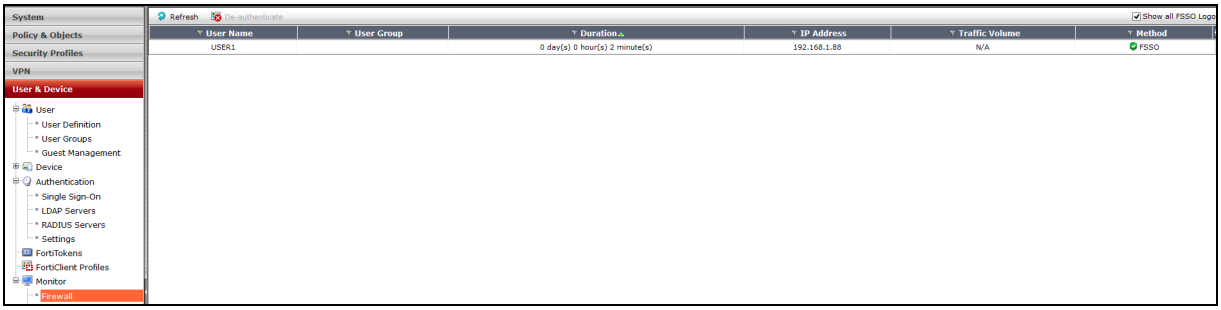
FGT60D4613015643 # diagnose debug authd fsso list

----FSSO logons----

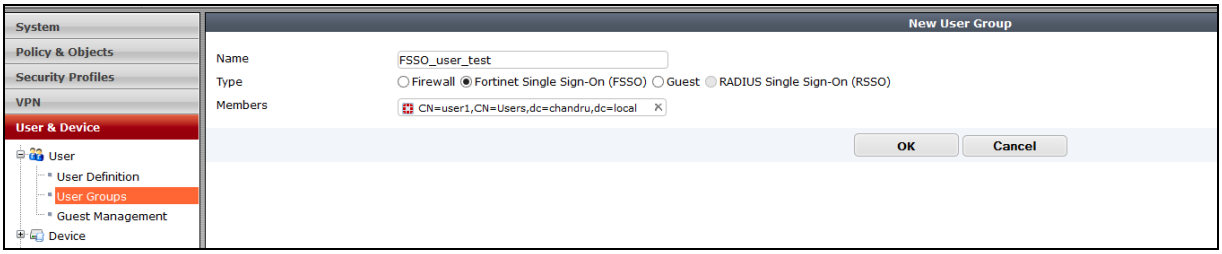
IP: 192.168.1.88 User: USER1 Groups: CN=USER1,CN=USERS,DC=CHANDRU,DC=LOCAL Workstation: PC-WIN7.CHANDRU.LOCAL

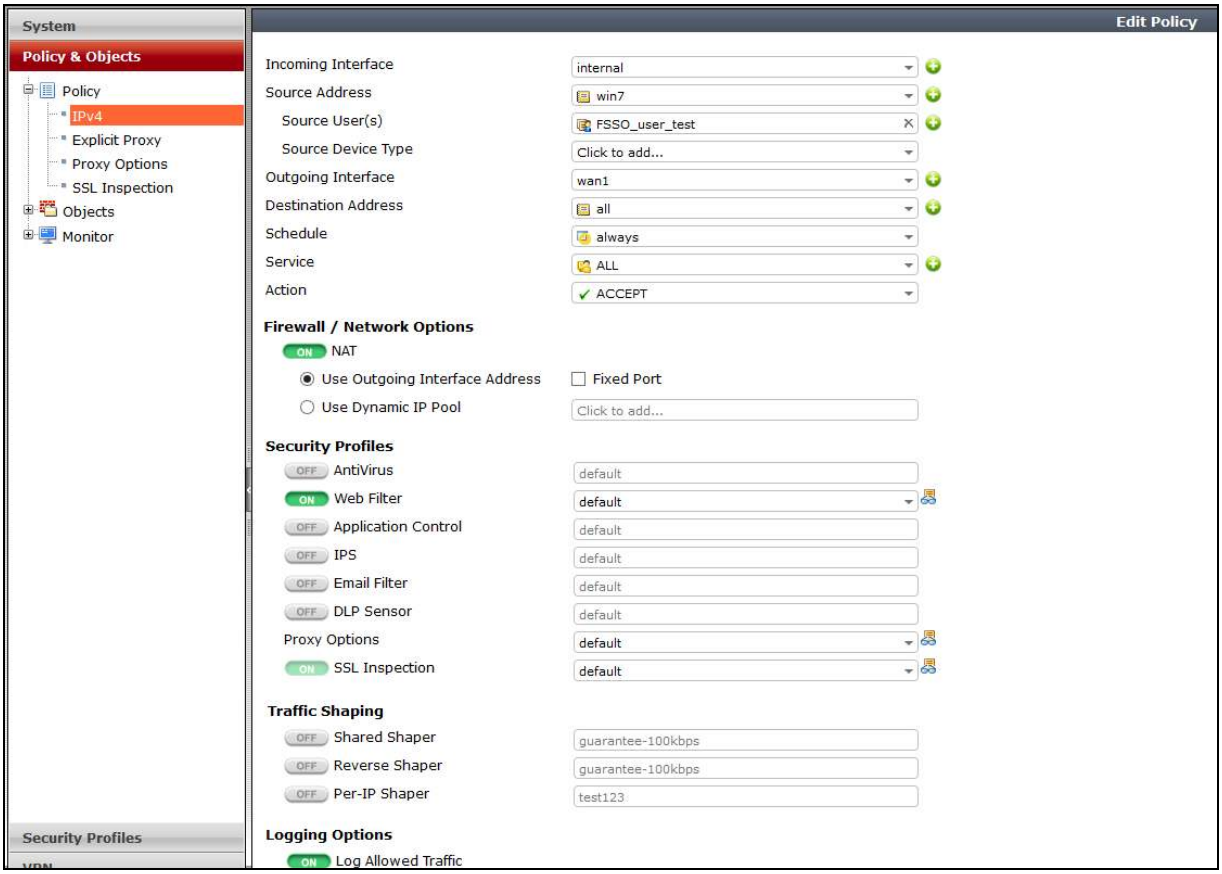
Total number of logons listed: 1, filtered: 0

----end of FSSO logons----



Create group on FortiGate and add the user1 to the group to authenticate to the policy





Sample Web Filter logs for the user